ranged in size from<1.4 to 58 megadaltons. The incidence of plasmids observed in *C.coli* strains (34.21%) was significantly greater than that observed in *C.jejuni* strains (10.29%). The study showed that the biotyping and plasmid analysis were valuable in tracing transmission of *Campylobacter* infection and might be useful tools in epidemiological survey of *Campylobacter* infection.

Key words *Campylobacter jejuni/coli* Biotyping Plasmid analysis

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检出痢疾志贺氏菌3型甘露醇阳性变种及鲍氏志贺氏菌18型的报告

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1986年对腹泻病调查中，从一例男性5岁患儿的粘液便中检出1株痢疾志贺氏菌3型甘露醇阳性变种（标本号47）；另从一例45岁女性患者脓性便中检出1株鲍氏志贺氏菌18型（标本号733）。

47和733两菌株均为革兰氏阴性杆菌，在普通琼脂平板上生长良好，在肉汤中均匀生长。豚鼠角膜试验阳性。发酵葡萄糖，甘露醇不产气，硝酸盐还原及MR反应阳性，乳糖、蔗糖、卫茅醇、水杨素、棉子糖、赖氨酸、鸟氨酸脱羧酶、尿素酶、VP反应、醋酸盐、枸橼酸盐、丙二酸盐利用、H_2S、动力和氧化酶试验阴性，47号菌分解麦芽糖、七叶灵及靛基质阳性，精氨酸双水解酶阴性，血清分型为志贺氏3型，定为甘露醇阳性变种。733号菌木糖、阿拉伯胶糖及精氨酸双水解酶阳性，血清分型为鲍氏18型。此两菌株均为我省首次检出，国内亦属少见菌型，经中国药品生物制品检定所复核确认。

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2 蓟县卫生防疫站
3 中国药品生物制品检定所